

INTELLIGENCE 25

INFORMATION REPORT

CD NO.

COUNTRY USSR (Ukrainian SSR)

DATE DISTR. 13 Mar 1952

SUBJECT October Revolution Locomotive Plant in Voroshilovgrad

NO. OF PAGES 1

PLACE ACQUIRED [REDACTED]

NO. OF ENCL. 1
(LISTED BELOW)

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25X1 DATE OF INFO.

SUPPLEMENT TO REPORT NO.

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1. [REDACTED] attached sketch of the known October Revolution Plant in Voroshilovgrad ($39^{\circ}19'N$ / $48^{\circ}04'E$), Ukrainian SSR.

2. Work force:

1947: 18,000 laborers, 1948: 24,000 laborers, 60 percent women.

3. Production:

Locomotives of type SO 17; in 1948: 30 locomotives per month, in 1949: 40 locomotives per month. Locomotive No 23 443 left the plant in March 1949 (Soviet statement).

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[REDACTED] Comment:

a. Attached sketch and the detailed legend correspond with previous information and are considered correct. *

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[REDACTED] correct reproduction of the very clear survey on the distribution of the different plant buildings. The detailed information on type of construction and size of the plant buildings are of special value.

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1. Info to: "October Revolution" Locomotive Plant in Voroshilovgrad.

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Legend to Annex:

- 1 Steel foundry and molding shop, preparing of molding sand and processing of casting, brick building, 450 x 90 x 50 meters, in full operation since September 1949; equipped with four open-hearth furnaces, two of which are constantly operating; manufacture of all cast parts for locomotives, and driving wheels for tanks or tractors.
- 2 Rolling mill, brick structure, 225 x 135 x 13.5 meters resumed operation in 1945. Manufacture of rolled products for locomotives: Sheets, round iron, angular sectional iron. Equipped with five mill trains (two for section iron, one for plates, two for sheets), ten bridge cranes and three steam powered traveling cranes.
- 3 Assembly shop, steel structure with brick lining, 300 x 180 x 16.5 meters resumed operation in December 1948.
 - a Locomotive shop, processing of all locomotive parts
 - b Designing and technical drafting office for locomotive production
 - c Assembly shop (riveting of frames, fitting of boilers), equipped with one bridge crane of 100 tons capacity and four bridge cranes of 10 tons capacity; each and other large machines.
- 4 New boiler forge, brick structure, 270 x 125 x 15 meters. Under reconstruction since May 1947. Not yet in operation when source left. Equipped with one bridge crane of 40 tons capacity.
- 5 Mechanical department, brick structure, 14 x 18 x 9 meters, in operation since 1945. Manufacture of bushings for tenders and locomotives.
- 6 So-called old shop, brick structure, 72 x 54 x 10.5 meters, no war damages, storage of dismantled goods from Germany.
- 7 Oil depot with 10 underground tanks with a capacity 20,000 liters each, containing oil, gasoline and naphtha.
- 8 Magazine, brick structure, 36 x 36 x 13 meters, no war damages, storage of workmen's requirements such as protective clothing etc.
- 9 Fire clay brick yard, seven wooden cantilever buildings constructed in the typical old Russian style, no war damages, production of fire bricks for steel foundry, in all required shapes.
- 10 Ruins of a brick building with steel structure roof, 103 x 36 x 10.5 meters.
- 11 Destroyed rolling mill, brick building, 100 x 90 x 7.5 meters.

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CENTRAL INTELLIGENCE AGENCY

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~~Legend to Annex cont'd:~~

- 12 Electrical department, brick building, 54 x 18 x 7.5 meters. The roof was destroyed during the war. Overhauling of electric instruments.
- 13 Boiler forge, brick structure with steel structure roof, 162 x 54 x 15 meters, resumed production in 1945. Manufacture of high-pressure locomotive boilers (5.4 meters long, 1.8 meters in diameter, 5 cm thick).
- 14 Traveling crane installation, connecting the steel foundry, the locomotive assembly and the pressing department.
- 15 Foundry for cast iron, brick building with steel structures roof, 135 x 54 x 13.5 meters, no war damages, equipped with two coke-fueled casting furnaces.
- 16 Model making carpenter shop, brick structure, 54 x 18 x 5.6 meters, no war damages.
- 17 Manufacture of asbestos plates, three wooden cantonment buildings, each 36 x 27 x 3 meters, no war damages. Production of insulation plates and rings for high pressure tanks, steam pipes and material for thermic insulation in the plant.
- 18 Tool manufacturing shop, brick structure, 90 x 54 x 10.5 meters, partially destroyed during the war, reconstructed, resumed production in 1945. The same building houses the hardening shop.
- 19 Plant dispensary, brick building, 9 x 6 x 3.6 meters.
- 20 Pressing department, brick structure, 144 x 60 x 10.5 meters, partially destroyed during the war, resumed production in early 1945. Manufacture of all pressed locomotive parts, forging of shafts and connecting rods, hardening of springs, tool manufacturing for dies (20 annealing furnaces, one 200-ton hydraulic press, one 100-ton hammer and other heavy machine tools).
- 21 Carbide plant, brick building, 45 x 13.5 x 12 meters, manufacture of carbide for welding apparatus, equipped with three electro-carbide smelting furnaces.
- 22 Assembly shop for tenders, brick structure, 180 x 90 x 12.6 meters, partially destroyed during the war. Resumed production in 1945.
- a Assembly of tenders
 - b Lathe shop

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Legend to Annex cont'd.

- 23 Mechanical workshop, brick building with steel structure roof, 36 x 18 x 7.5 meters, no war damages.
- 24 Brick administration building with steel structure roof, 18 x 13.5 x 7.5 meters, office of the first Director and the designing office.
- 25 Power plant, and steam generating plant, concrete frame with brick lining, 72 x 63 x 22.5 meters. The installations were partially destroyed; the plant resumed operation in 1945. Supplies the plant with power, steam and compressed air. Further details not available.
- 26 Mess hall No 2; there are 10 additional smaller mess halls in the plant.
- 27 Wooden shed with timber piles for plant requirements.
- 28 Installation for retaining quick ashes of the power and steam generating plant.
- 29 Destroyed workshop, preparation of molding sand, ferro-concrete structure roof, 54 x 27 x 13.5 meters.
- 30 Carpenter shop for construction requirements and sawmill, wooden building, 54 x 36 x 7.5 meters, no war damages.
- 31 Wooden building, 18 x 6 x 3 meters, preparation of the reinforcement for ferro-concrete.
- 32 Garage, brick building, 18 x 10.5 x 4.5 meters, not destroyed, for 20 trucks.
- 33 Three-pier wooden bridge, 16 meters long and 2.4 meters wide, with single railroad track. It was destroyed by every flood.
- 34 Dwelling blocks of civilian laborers.
- 35 Dwelling blocks of apprentices
- 36 Road bridge with one concrete pier, 3-meter roadway and two side walks, 27 meters long. The bridge is also the main entrance to the plant.
- 37 Roofed bridge, steel structure, 27 meters long, 4.2 meters wide, 5.4 meters high, open for traffic since September 1948.
- 38 Club house and theater of town.

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October Revolution Locomotive Plant in Voroshilovgrad

Legend: See report

not to scale

